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PATENT
Attorney Docket No.: 020130-000112US
Client Reference No.: MJP0011(US)

TOWNSEND and TOWNSEND and CREW LLP

By: 
Anna Kundel

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

WANG et al.

Application No.: 10/821,583

Filed: April 9, 2004

For: IMPROVED NUCLEIC ACID
MODIFYING ENZYMES

Confirmation No.: 1973

Examiner: Richard G. Hutson

Art Unit: 1652

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER
37 CFR §1.97 and §1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in parent Application Nos. 09/870,353, filed May 30, 2001 (Attorney Docket No. 020130-000111US) and 09/640,958 (now U.S. Patent No. 6,627,424), filed August 16, 2000 (Attorney Docket No. 020130-000110US. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

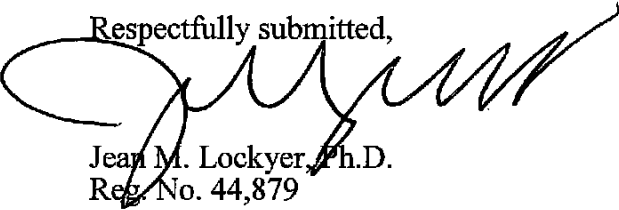
As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Jean M. Lockyer', is written over the typed name and registration number.

Jean M. Lockyer, Ph.D.
Reg. No. 44,879

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
JML:ack
60999720 v1

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/821,583
				Filing Date	April 9, 2004
				First Named Inventor	Wang, Yan
				Art Unit	1652
				Examiner Name	Richard G. Hutson
Sheet	3	of	1	Attorney Docket Number	020130-000112US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-6,627,424	09-2003	Wang, Yan	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	2	DE	198 40 771	A1	02-10-2000	Lion Bioscience AG		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3	CONSONNI, et al., "A single point mutation in the Extreme Heat- and Pressure-Resistant Sso7d Protein from Sulfolobus solfataricus Leads to a Major Rearrangement of the Hydrophobic Core," <u>Biochemistry</u> , Vol. 38, pp. 12709-12717 (1999)	<input type="checkbox"/>
	4	NGO, et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox, in the Protein Folding Problem and Tertiary Structure Prediction," Merz, et al. (ed.), Birkhauser, Boston, MA, pp. 433 and 492-495.	<input type="checkbox"/>
	5	ROBINSON, H., et al., "The hyperthermophile chromosomal protein Sac7d sharply kinks DNA," <u>Nature</u> , Vol. 392, pp. 202-205 (1998)	<input type="checkbox"/>
	6	SHEHI, et al., "Thermal Stability and DNA Binding Activity of a Variant Form of Sso7d Protein from the Archeon Sulfolobus solfataricus Truncated at Leucine 54," <u>Biochemistry</u> , Vol. 42, pp. 8362-8368 (2003).	<input type="checkbox"/>
	7	WANG, Y., et al., "A Novel Strategy to Engineer DNA Polymerases for Enhanced Processivity and Improved Performance in vitro," <u>Nucleic Acid Research</u> , Vol. 32, pp. 1197-1207 (2004)	<input type="checkbox"/>
	8	WEISSHART, et al., "Herpes Simplex Virus Processivity Factor UL42 Imparts Increased DNS-Binding to the Viral DNA Polymerase and Decreased Dissociation from Primer-Template without Reducing," <u>Journal of Virology</u> , Vol. 73(1), pp. 55-66 (Jan. 1999)	<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.